

Small Tactical Optical Rifle Mounted (STORM) Micro-Laser Rangefinder (MLRF)

The Small Tactical Optical Rifle Mounted (STORM) Micro-Laser Rangefinder (MLRF) is a lightweight, multi-functional, laser system designed to operate on individual and crew served weapons. It combines the functionality of a laser rangefinder, the AN/PEQ-2A Aiming Light, the Multiple Integrated Laser Engagement System (MILES), a digital compass and a visible pointer into a single package. STORM is the next design iteration and features improved ranging, direction finding, and visible pointing capabilities. Combined with a Precision Lightweight GPS Receiver (PLGR) or a Defense Advanced GPS Receiver (DAGR), the system can compute and display highly accurate target locations.

Rangefinder
Maximum Range: 9995 meters
Minimum Range: 25 meters
Digital Compass Azimuth Pointing Accuracy: 10-30 artillery mils
Elevation and Bank Pointing Accuracy: 10 artillery mils
Elevation and Bank Pointing Range: +/- 45 degrees from horizontal (I-STORM) and vertical mounting

Pointers and Illuminator (Starlight Conditions)
IR Illumination and Pointing Range: High/Low power modes, 2000/600 meters
Visible Pointing: High/Low mode

STORM Size, Weight, and Power Characteristics
Weight (w/battery): 1.2 pounds
Length: 6.5 inches
Width: 3.25 inches
Height: 2 inches
Battery: 2 DL123 3-volt lithium



